

line 10, delete "to be transmitted";

line 17, delete "particular device" and insert – satellite receiving  
arrangement --;

line 18, before "received" insert -- being --; same line 18, after "antennas"  
insert a comma;

line 20, delete "device " and insert -- satellite receiving arrangement --;  
same line 20, after "is" insert – generally --;

line 22, after "like" insert -- . The outdoor and indoor" and delete "and  
both"; and

delete lines 24-26.

Page 2, lines 1-5, delete in their entirety;

line 6, change "issue" to -- issued --;

line 7, change "disclose" to --discloses--;

line 10, after "connected" insert -- to --;

line 11, delete "have" and insert -- has --;

line 13, change "antenna" to -- antennas --;

line 16, delete change "short coming" -- shortcoming. --;

lines 16-18, delete "by not providing a...to the antennas."

line 19, after "silent" add – as -- ; same line 19, change "the means" to –  
any means --;

line 22, change “, issue” to -- issued --;

line 23, delete "disclose" and insert -- discloses --; and

line 27, delete "side" and insert -- site --.

Page 4, line 4, before "or" insert -- ( --;

line 5, after "circular" insert -- ) --;

line 13, delete "for";

line 20, delete "and polarities";

line 24, after "simultaneously" insert a comma; and

line 26, delete "sources" and insert -- television receivers --.

Page 5, line 2, delete "and polarities"; --;

line 15, delete "satellite" and insert -- cable --;

line 16, delete "final" and insert -- further --;

line 19, change "proceeding objects" to -- preceding objects, --; and

delete lines 24-27.

Page 6, delete lines 1-2;

line 3, delete "simultaneously.";

between lines 7 and 8 insert the following:

-- An example embodiment of the present invention provides a satellite broadcasting system comprising a satellite dish coupled to a low-noise block converter. The low-noise block converter is coupled to a first means of converting vertical polarization signals and horizontal polarization signals (or left-hand circular polarization signals and right-hand circular polarization signals) from a satellite, and transmitting both polarity signals simultaneously via a single coaxial cable. This enables two different frequencies and polarities to be transmitted simultaneously via a single coaxial cable.

The example embodiment further includes a second means coupled to the first means. The second means converts the vertical polarization signals and the horizontal polarization signals (or said left-hand circular polarization signals and the right-hand circular polarization signals) from the first means to frequencies for a source. A satellite receiver is coupled to the second means. The source is coupled to the satellite receiver.

The example embodiment further includes a power source coupled to the first means. The power source powers the first means.

In accordance with a further aspect of the invention, the second means provides for the signals to be converted separately and independently to the satellite receiver by a transmitting means. The present invention in one of its aspects further provides a transmitting means for the signals to be selectively converted to the satellite receiver via a first cable coupled to the second means.

In accordance with a further aspect of the invention, the transmitting means further includes a polarity switch for permitting the signals to be selectively converted to the satellite receiver.

In accordance with a still further aspect of the invention, the first means includes a first converting system for converting the signals of a first direction to a desired first frequency and polarization, and a second converting system for converting the signals of a second direction to a desired second frequency and polarization. The first converting system may include a first down converter which is coupled to an amplifier. The second converting system may include an up converter coupled to a second down converter. A joining means may be coupled to the amplifier and the second down converter. The

joining means may include a four way splitter. A phase lock loop transmitter may be coupled to the four way splitter.

In accordance with a further aspect of the invention, the second means includes a splitting means to split and divide the signals from the single coaxial cable to enable the signals to be transmitted to a first converting system and a second converting system. The first converting system may convert the signals of a first direction to a desired first frequency and polarization for the satellite receiver. The second converting system may convert the signals of a second direction to a desired second frequency and polarization for the satellite receiver. The first converting system may include a first up converter which is coupled to a splitting means and a first down converter which is coupled to a first down converter. The first down converter may be coupled to the satellite receiver via a first line. The second converting system may include a second up converter coupled to the splitting means. The second up converter may be coupled to the satellite receiver via a second line. The splitting means may include a four way splitter. A phase lock loop receiver may be coupled to the four way splitter.

In accordance with a further aspect of the invention, a first converting system includes a first up converter which is coupled to a splitting means and to a first down converter. The first down converter may be coupled to a joining means. The second converting system may include a second up converter coupled to the splitting means and to the joining means. A polarity switch may be coupled to the first down converter and the second up converter. The polarity switch may be coupled to a first cable which is coupled to the satellite receiver.

In accordance with a further aspect of the invention, the splitting means and the joining means each include a four way splitter, and a phase lock loop receiver is coupled to the splitting means. The splitting means may split and divide signals from the single coaxial cable to enable said signal to be transmitted to a third converting system for converting the signals of said first direction and a fourth converting system for converting the signals of the second direction.

The third converting system includes a second up converter which is coupled to the splitting means and to a third down converter. The third down converter may be coupled to the satellite receiver via a first conduit. The fourth converting system may include a third up converter coupled to the splitting means. The third up converter is also coupled to the satellite receiver via a second conduit. --; and

Page 6, line 17, after "embodiments" insert a comma.

Page 7, line 1, delete "DRAWINGS" and insert -- DRAWING --; and  
delete lines 5-6.

Page 8, line 2, change "fig." to -- FIGURE --;

line 3, after "satellite" insert -- antenna 1 --;

line 5, after "processor" insert -- 44 --;

line 7, after "signals" insert a semi color -- ; --

line 10, after "processor" and before the comma ",", insert -- insert -- 45 or

46 --;

line 12, delete "source" and insert -- television --;

lines 12-13, delete "(this figure illustrates a television as its source)." and  
insert -- or other "source." --;

line 14, after "satellite" insert -- antenna --;

line 15, after "amplifying" insert -- and converting --;

line 17, after "signals" insert a semi color -- ; --;

line 18, after "LNB" insert -- converter 2 --;

line 23, delete "conduits" and insert -- lines --; and

line 27, delete "conduits" and insert -- lines --.

Page 9, line 3, change "respectfully" to -- respectively --;

line 6, change "permit" to --permits--;

line 14, after "so" insert -- as --;

line 25, delete "amplifier" and insert -- amplified --;

line 25, after "of" insert -- amplifier -- ; and

line 25, after "and" insert -- the --.

Page 10, line 1, after "From" insert -- splitter --;

line 2, change "11 which" to -- 11. Block 12 --;

line 5, after "dish" insert -- 1 --;

line 14, change "16 energize" to -- 12 energizes --;

line 17, change "decibels" to -- power level (decibels) --;

line 19, change "includes" to --45 can take the form of --;

line 21, after "processor" insert -- 45 --; same line 21, after "source" insert  
-- (TV 29) --;

line 22, after "receiver" insert -- 27 --;

line 24, change "figure" to -- FIGURE --;

line 26, after "processor" insert -- 45--;

line 27, after "processor" insert -- 45 --; change "conduit 19" to -- line 19 --

; and change "conduit" (second occurrence) to.—conduit 19 --.

Page 11, line 1, change "lock" to -- locked --;

line 8, change "conduit" to -- line --;

line 17, change "conduit" to -- line --;

line 18, change "source" to -- TV (source) --;

line 22, change "its" to -- their --;

lines 24 and 25, change "source" to -- TV (source) --;

line 26, after "29" insert -- and satellite receiver 27 --.

Page 12, line 1, change "source" to -- TV (source) 29 and satellite receiver 27 --;

line 3, after "satellite" insert -- receiver 27 --;

line 4, after "receiver" insert -- 27 --;

line 6, change "figure" to -- FIGURE --;

line 8, after "receiver" insert -- 41--;

line 9, after "signals" delete the comma;

line 10, after "circular" (first occurrence), insert -- polarized signals --;

line 15, change "lock" to -- locked --;

line 18, after "36" insert a comma;

line 23, after signals" delete the comma.

Page 13, line 3, change "source" to -- TV (source) --;

line 4, change "figure" to -- FIGURE --;

line 6, change "is" to -- need be --;

line 8, change "to" to -- on --;

line 9, change "source" to -- TV (source) --;

line 11, after "and" insert -- derived from different --.

line 13, change "this will" to -- this satellite system will --.

**IN THE CLAIMS:**

Please delete claims 1-21 without prejudice or disclaimer and add the following new claims:

-- 22. A method of distributing satellite signals received by a satellite antenna via a coaxial cable to a satellite receiver coupled to an end of said coaxial cable, said coaxial cable also having a further end, said method comprising:

receiving, with a satellite antenna, first signals having a first polarization and second signals having a second polarization;

frequency converting at least said first received signals to a different frequency band;

simultaneously applying said frequency-converted first signals and said second signals to the coaxial cable;

simultaneously communicating said frequency-converted first signals and said second signals through the cable;